LIST OF PATENTS AND PUBLICATIONS REAPPLICANT(S)' INFORMATION DISCUSSION APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.
00120/HG (07742-34

ERIAL NO. 09/513,702

APPLICANT Toshikazu MUKAIHARA, et al.

FILING DATE: February 25, 2000 GROUP ART UNIT: 2877

		CNATION	U.S. PATENT	DOCUMENTS			
REFERENC		DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate
EXAM'R INITIAL							Арргориче
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		F	OREIGN PATE	NT DOCUMENTS			
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	yes no
EXAM'R INITIAL	D47	EP-0812040-A	12/10/97	EUROPE	H01S	3/085	Already in English
Dup	1	ID 5 245705 Δ	11/26/93	JAPAN	H01S	3/18	Abstract Only
	B18		08/09/96	JAPAN	G02B	5/18	Abstract Only
	B19		10/31/97	JAPAN	H10S	3/18	Abstract Only, see
DUF	-						Citation B17

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

			OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)
DN	M	C27	Kasukawa, et al., "High Power Semiconductor Lasers for Optical Fiber Amplinois," No. 188, July 1996, Institute of Electronics, Information and Communication Engineers (IEICE), Vol. 96, No. 188, July 1996,
		C28	Prosyk, et al., "Well Number, Length, and Temperature Dependence of Efficiency and Dependence of Effici
+		C29	Hamakawa, et al., "Wavelength Stabilization of 1.48 µm Pump Laser by Fiber Grains," Conference on Optical Communication – ECOC '96, Oslo, 1996, Vol. 1, pages 119-122.
+			s in as access A previously provided as Citation bo.
		C30	English Translation of the Objectors et al. "Single Longitudinal Mode Laser Diode using
DA	for	C31	English Translation of JP-05-206579-A, previously provided Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Full English translation of: M. Shigehara, et al., "Single Longitudinal Mode Laser Diod

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO. 4

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U.S. PATENT DOCUMENTS REFERENCE DESIGNATION DOCUMENT & TREATE Filing Date **Subclass** Class NAME EXAM'R If Appropriate **NUMBER** INITIAL 96.15 350 Hicks, Jr. 10/14/1986 4,616,898 **A1** NA 18 372 04/19/1994 Adar, et al. A2 5,305,336 359 341 Erdogan, et al. 10/08/1996 **A3** 5,563,732 92 372 Pan 12/16/1997 **A4** 5,699,377 341 359 02/22/1998 Erdogan, et al. **A5** 5,721,636 22 372 03/03/1998 Huang **A6** 5,724,377 88 385 Sasaki, et al. 12/01/1998 5,845,030 **A7** 11/13/1997 341 359 Mitsuda, et al. 08/10/1999 5,936,763 **A8** 36 03/31/1997 372 11/30/99 Kosugi Α9 5,995,525 06/18/1997 49 385 Hamakawa, et al. 11/30/1999 A10 5,995,692

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EXAM'R			DOCUMENT	DATE	COUNTRY	CLASS	Subclass	TRANSLAT'N
INITI		i	NUMBER					yes no
Sol	m	B1	EP-800,243-A2	10/08/97	Euro Patent Office	H01S	3/025	Already in English
)		B2	JP-62-276892-A	12/01/87	Japan	H01S	3/18	Abstract Only
D	wa	B3	JP-03-049281-A	03/04/91	Japan	H01S	3/18	Yes, attached

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MA	C1	G. P. Agrawal, "Longitudinal-Mode Stabilization in Semiconductor Lasers with Wavelength-Selective Feedback," Journal of Applied Physics, Vol. 59, No. 12, June 15, 1986, pages 3958-3961.
	C2	S. Oshiba, et al., "High-Power Output Over 200mW of 1.3 μm GalnAsP VIPS Lasers," IEEE Journal of Quantum Electronics, Vol. QE-23, No. 6, June 1987, pages 738-743.
	C3	Toshio Nonaka, "Pumping Sources for Optical Fiber Amplifiers," Optronics, (published by The Optronics Co., Ltd.), No. 107, November 1990. (In Japanese, English-Language Abstract on last page).
Java	C4	Asano, et al., "1.48µm High-Power InGaAs/InGaAsP MQW LD's for Er-Doped Fiber Amplifiers," IEEE Photonics Technology Letters, Vol. 3, No. 5, May 1991, pages 415-417.

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(Information Disclosure Statement — Section 9 PTO-1449 (Modified) [6-1])

ATTY. DOCKET NO. 00120/HG (07742-34)

SERIAL NO. **09/513,702**

APPLICANT(S)' INFORMATION DISCLOSURE
STATEMENT

APPLICANT Toshikazu MUKAIHARA, et al.

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FILING DATE: February 25, 2000

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EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLAT'N
DIPU	B4	JP-04-343492-A	14/20/02				yes no
70100	- 		11/30/92	Japan	H01S	3/18	Yes, attached
	B5	JP-05-136511-A	06/01/93	Japan	H01S	3/131	Yes, attached
	B6	JP-05-206579-A	08/13/93	Japan	H01S	3/18	Abstract Only
	B7	JP-05-206580-A	08/13/93	Japan	H01S	3/18	Abstract Only
	B8	JP-05-327031-A	12/10/93	Japan	H01L	35/28	Abstract Only
	B9	JP-07-333470-A	12/22/1995	Japan	G02B	6/42	Yes, attached
	B10	JP-08-330671-A	12/13/96	Japan	H01S	3/18	Yes, attached
	B11	JP-09-219475-A	08/19/97	Japan	H01L	23/38	Abstract Only
	B12	JP-09-269439-A	10/14/97	Japan	G02B	6/42	Abstract Only
	B13	JP-09-275240 -A	10/21/97	Japan	H01S	3/18	Abstract Only
	B14	JP-09-298319-A	11/18/97	Japan	H01L	35/30	Yes, attached
	B15	JP-10-062654 -A	03/06/98	Japan	G02B	6/42	Yes, attached
min	B16	JP-11-017248-A	01/22/99	Japan	H01S	3/085	Yes, attached

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(Information Disclosure Statement — Section 9 PTO-1449 (Modified) [6-1])

FORM PTO-1449 (Modified)	ATTY. DOCKET NO.	SERIAL NO.
LIST OF PATENTS AND PUBLICATIONS FOR	00120/HG (07742-34)	09/513,702
APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT FEB 1 1 2	APPLICANT Toshikazu	MUKAIHARA, et al.
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	<u> </u>	OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.) [Continued]
Darn	C8	M. Shigehara, et al., "Single Longitudinal Mode Laser Diode using Fiber Bragg Grating," Proceedings of the 1995 of the IEICE General Conference (The Institute of Electronics, Information and Communications Engineers), March 27, 1995, page 380 (In Japanese, Partial English-language translation attached).
	C9	T. Wakami, et al., "0.98 μm Laser Diode with Fiber Bragg Gratings," Proceedings of the 1995 Electronics Society Conference of IEICE (The Institute of Electronics, Information and Communications Engineers), September 5, 1995, page 156 (In Japanese, Partial English-language translation attached).
	C10	R. J. Campbell, et al., "A Wavelength Stable Uncooled Laser for Access Networks," Proceedings of the 21st European Conference on Optical Communications (ECOC'95), Brussels, Belgium, September 17-21, 1995, pp. 545-548.
	C11	Don Hargreaves, et al., "High-power 980-nm Pump Module Operating Without a Thermoelectric Cooler," 1996 Technical Digest Series (Conference Edition) of the Optical Fiber Communication 1996 ("OFC '96"), Optical Society of America, February 25, 1996 (San Jose California), pages 229-230.
	C12	J. Piprek, et al., "Cavity Length Effects on Internal Loss and Quantum Efficiency of Multiquantum-Well Lasers," IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 3, May/June 1999, pages 643-647 (UCSB).
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	C14	Akihiko Kasukawa, Tomokazu Mukaihara, Takeharu Yamaguchi, Jun'jiro Kikawa, "Recent Progress in High-Power Semiconductor Lasers for Pumping of Optical Fiber Amplifiers," Furukawa Electric Review, No. 105, January 2000, pages 13-18. (In Japanese).
	C15	Toshio Kimura, Naoki Tsukiji, Junji Yoshida, Naoki Kimura, Takeshi Aikiyo, Tetsuro Ijichi, and Yoshikazu Ikegami, "1480-nm Laser Diode Module with 250-mW Output for Optical Amplifiers (Fol 1404QQ Series)," Furukawa Review, No. 19, April 2000, pages 29-33.
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	C17	Akira Mugino and Yuichiro Irie, "Output Power Optimization in 980-nm Pumping Lasers Wavelength-Locked Using Fiber Bragg Gratings," Furukawa Review, No. 19, April 2000, pages 41-46.
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ATTY. DOCKET NO. 00120/HG (07742-34)

SERIAL NO. 09/513,702

APPLICANT Toshikazu MUKAIHARA, et al.

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February 25, 2000

GROUP ART UNIT: 2877

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John	C19	Yoshihiro Emori and Shu Namiki, "Demonstration of Broadband Raman Amplifiers: a Promising Application of High-power Pumping Unit," Furukawa Review, No. 19, April 2000, pages 59-62.
	C20	Yoshihiro Emori and Shu Namiki, "Demonstration of Broadband Raman Amplifiers as a Promising Application of High-power Pumping Unit," Furukawa Electric Review, No. 105, January 2000, pages 42-45. (In Japanese).
	C21	Osamu Aso, Masateru Taadakuma, Shu Namiki, "Four-Wave Mixing in Optical Fibers and Its Applications," Furukawa Review, No. 19, April 2000, pages 63-68.
	C22	Osamu Aso, Masateru Taadakuma, Shu Namiki, "Four-Wave Mixing in Optical Fibers and Its Applications," Furukawa Electric Review, No. 105, January 2000, pages 46-51. (In Japanese).
	C23	Hitoshi Shimizu, Kouji Kumada, Nobumitsu Yamanaka, Norihiro Iwai, Tomokazu Mukaihara, and Akihiko Kasukawa, "Extremely Low threshold 1.3µm InAsP n-Type Modulation Doped MQW Lasers," Furukawa Review, No. 19, April 2000, pages 149-154.
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	C25	Translation of Japanese Published Patent Application JP-09-83070, which was provided in Applicants' previous Information Disclosure Statement.
Dran	C26	Translation of Japanese Published Patent Application JP-09-260766, which was provided in Applicants' previous Information Disclosure Statement.

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